

Ethyl 2-ethyl-3-hydroxybutanoate  
5465-11-2 | DTXSID90282959

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** 1.63

**Global applicability domain:** Inside

**Local applicability domain index:** 5.57e-01

**Confidence level:** 6.97e-01

## Nearest Neighbors from the Training Set

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Isobutyl acetate

**Measured:** 1.78

**Predicted:** 1.82

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3-Methylbutyl acetate

**Measured:** 2.25

**Predicted:** 2.20

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Methyl 6-oxoheptanoate

**Measured:** 0.55

**Predicted:** 8.61e-01

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Butan-2-yl acetate

**Measured:** 1.72

**Predicted:** 1.85

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Methyl pivalate

**Measured:** 1.83

**Predicted:** 1.76